

Attorney's Docket No.: 56446-20016.20/-027003 /D1350-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

Applicant : Walter Callen et al. Art Unit : 1652
Serial No. : 09/656,309 Examiner : Richard Hutson, Ph.D.
Filed : September 6, 2000
Title : ENZYMES HAVING HIGH TEMPERATURE POLYMERASE ACTIVITY AND
METHODS OF USE THEREOF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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RESPONSE AND AMENDMENT

Sir:

Responsive to the Office Action mailed October 21, 2003, Applicants respectfully request entry of the amendments and consideration of the remarks set forth herein. A response was initially due January 21, 2004. Applicants herein submit a petition for a three month extension of time, under 37 C.F.R. §1.136, with the appropriate fee under 37 C.F.R. §1.17. Accordingly, this Response is timely filed.

Amendments to the specification are on page 2 of this paper.

Amendments to the claims are reflected in the listing of claims which begin on page 6 of this paper.

Remarks begin on page 16 of this paper.

The following documents are also enclosed herewith:

- Transmittal letter, Fee Transmittal and extra copy for processing,
- Three Month Petition for Extension of Time;
- Rule 132 expert declaration by Dr. Callen, and, Dr. Callen's credentials.

Certificate of Transmission by Facsimile

I hereby certify that this correspondence is being transmitted by facsimile to the USPTO on the date indicated below.

4/21/04
Date of Transmission

Signature

Jeanne Armour
Typed Name of Signor

sd-195510